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SEQUENCE LISTING

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Bakker, Egbert
Devilee, Peter

<120> A diagnostic test kit for determining a predisposition for breast and ovarian cancer, materials and methods for such determination

<130> 294-78

<140> US 09/445,174

<141> 2000-04-24

<150> PCT/NL98/00325

<151> 1998-06-03

<150> EP 97201700.8

<151> 1997-06-04

<160> 23

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer forward
for D17S1322

<400> 1

ctagcctggg caacaaacgca

20

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer reverse
for D17S1322

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gcaggaagca ggaatggAAC

20

<210> 3

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

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for D17S855

<400> 3 21
ggatggcctt ttagaaagtg g

<210> 4
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for D17S855

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<210> 5
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
for D17S1323

<400> 5 20
taggagatgg attattggtg

<210> 6
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
for D17S1323

<400> 6 20
aagcaactt gcaatgagtg

<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
for first PCR

<400> 7 22
tcacagtgca gtgaattgga ag

<210> 8
<211> 24

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
for first PCR

<400> 8
gtagccagga cagtagaagg actg

24

<210> 9
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
for second PCR

<400> 9
gaagaaaagag gaacgggctt gg

22

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
for second PCR

<400> 10
ggccacttgc taagctcatt c

21

<210> 11
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 11
aaccaccaag gtccaaagc

19

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 12
gtagccagga cagtagaagg actg

24

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 13
tacgtgggtt caactgaagc

20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 14
tcccatggag aggtcttgct

20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 15
actgtgctac tcaagcacca

20

<210> 16
<211> 24
<212> DNA
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<220>
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<400> 16
gaaaaaaaaaag tacaaccaaa tgcc

24

<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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<400> 17
agcccaacttc attagtactg gaac

24

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 18
taccctataa gccagaatcc agaa

24

<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 19
ggccactttg taagctcatt c

21

<210> 20
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Exon 22 of BRCA1 and its flanking intron
sequences, pos. 79441-80160"

<400> 20
agaggtcttg ctataaggct tcataccggag agtgttagggt agagggcctg ggttaagtat 60
gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg 120
tacagctgtg tgggtcttct gtggtaagg agcttcattc attcaccctt ggcacagtaa 180
gtattgggtg ccctgtcaga gagggaggac acaatattct ctcctgtgag caagactggc 240
acctgtcagt ccctatggat gcccctactg tagcctcaga agtcttctt gcccacatac 300
ctgtgccaaa agactccatc tgtaagggtt gggtaaggat ttgagaactg cacatattaa 360
atatactgag ggaagacttt ttccctctaa ctcttttcc catatgtccc tccccctcct 420
ctctgtcaact gcccacatc actgtgtttc aacaaatcat caagaaatga tgggctggag 480
gctgggcatg gtggctcatg tctgtaatcc cagcactttg ggaggccgag gcaggtggat 540
cacttgtcag gagttgaga ccagcctggc caacatggtg aaacccatc tgtactaaaa 600
aaaaaaaaac aaaaagttagc caggcctgggt ggagcatgcc tgtaatgcc gctatttggg 660
aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaagattt 720

<210> 21
<211> 180
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Intronic region flanking exon 12, pos.
44423 - 44600"

<400> 21
cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtggtca ggagatccag 60

accatcctgg ctaacacggt gaaacaccat ttctactaaa actacaaaaaa attagctggg 120
catggtggcg ggccctgt aatcccagcta ctcaggaggc tgaaggcaga 178

<210> 22

<211> 180

<212> DNA

<213> Homo sapiens

<220>

<223> /note="Intronic region flanking exon 13, pos.
48256 - 48436"

<400> 22

cctgttaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgggagctcg 60
agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg 120
ggcgtggtgg cacatgcctg taatcccagc tacttggag ctacggtgcc tggcctagtt 180

<210> 23

<211> 60

<212> DNA

<213> Homo sapiens

<220>

<223> /note="Deletion-function fragment"

<400> 23

agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg 60